IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):   Subramania Sudharsanan et al.

Title: ACCELERATED GRAPHIC OPERATIONS

Application No.: 09/640,901   Filed: August 16, 2000

Examiner: Charles A. Harkness Group Art Unit: 2183

Atty. Docket No.: 004-2616

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

March 9, 2004

PRELIMINARY AMENDMENT

Prior to the first action on the merits, please amend the above-identified application as follows:

In the Claims

Please amend the claims as follows:

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1. (original) A method of executing a single instruction parallel multiply-add function on a processor, the method comprising:

   providing the processor with an opcode indicating a parallel multiply-add instruction;

   providing the processor with a first, a second and a third value, wherein each of the values comprises two or more operand components;

   multiplying first operand components of the first and the second values to generate a first intermediate value;

   multiplying second operand components of the first and the second values to generate a second intermediate value;

   adding a first operand component of the third value to the first intermediate value to generate a first result value;

- 1 -

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March 9, 2004

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TRANSMITTAL SHEET

Applicant:	Subramania Sudharsanan et al.
Title:	ACCELERATED GRAPHIC OPERATIONS
Application No.:	09/640,901 Filed: August 16, 2000
Atty. Docket No.:	004-2616 Client Ref. No.: P2616

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

☐   Response to Non-Final Office action(page(s))
☐   Petition for Extension of Time (month) (page(s))
☐   Information Disclosure Statement (page(s)), including PTO Form 1449
     (page(s)), and copies of   reference(s)
☒   Other: Preliminary Amendment (10 page(s))
☒   Other: Check in the amount of $18.00 (page(s))
☐   Other: (page(s))
☒   Transmittal Letter (2 pages), in duplicate;
☒   Return postcard;

The Total Fee has been calculated as shown below:

	Claims After Amendment	Claims Previously Paid	Extra Claims	Fees
Total Claims	43	− 42 =	1 x $18.00 =	18.00
Independent Claims	8	− 8 =	0 x $86.00 =	0.00
Multiple Dependent Claims (if any) - $290.00 fee				
Additional Claims Fee				$ 18.00
Fee For Extension Of Time				
Other Fees: ( )				
TOTAL FEE DUE:				$ 18.00

☐   Applicant is, or has established status as, a small entity.

☒   A check is enclosed for the Total Fee shown above.

☐   Please charge the Total Fee shown above to Deposit Account 50-0631.

☒   The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. § 1.16 or 1.17 which may be required during the pendency of this application, and to similarly credit any overpayment, to Deposit Account 50-0631.

PTO Transmittal-Prel Amend.doc

ZAGORIN, O'BRIEN & GRAHAM, L.L.P.

Respectfully submitted,

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CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that, on the date shown below, this
correspondence is being

☒ deposited with the US Postal Service with sufficient postage
as first class mail, in an envelope addressed to Commissioner
for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

☐ facsimile transmitted to the US Patent and Trademark Office.

_____   3/9/2004
Steven R. Gilliam   Date

EXPRESS MAIL LABEL: _____